

CLAIMS

1. A vehicle resold price analysis system which estimates information concerning a sold price, a remaining price, or a remaining value rate of a vehicle before resale, using data concerning resold vehicle such as a maker name, a vehicle type name, vehicle uses, a vehicle shape, a vehicle type grade, authorization model, a model specification number, a classification identification number, a transmission, a drive system, displacement volume, the number of doors, popularly called model, a capacity and burden, engine model, the number of cylinders of engine, an engine mechanism, tire size, a turbo and supercharger, a roof shape, emission control, a body size, automobile-tax classification, a weight tax, an insurance class, a using contract year, the expiration year of a using contract, a using contact period, a new vehicle price, a sold price after expiration of using contract, mileage at the time of resale, assessment evaluation at the time of resale, the system comprising a first step which extracts data concerning resold vehicle resold within a predetermined period, a second step which extracts a factor which has affected the vehicle resold price by correlation analysis using data extracted at the first step, and a third step which obtains multi-regression equation from a correlation of the extracted above-mentioned factor and the data concerning sold price, wherein the multi-regression equation obtained in the third step is used for estimating the information concerning estimated sold price, estimated remaining price, or estimated remaining value rate of vehicle before resale.

2. A vehicle resold price analysis system which estimates information concerning a sold price, a remaining price, or a remaining value rate of a vehicle before resale, using data concerning resold vehicle such as a maker name, a vehicle type name, vehicle uses, a vehicle shape, a vehicle type grade, authorization model, a model specification number, a classification identification number, a transmission, a drive system, displacement volume, the number of doors, popularly called model, a capacity and burden, engine model, the number of cylinders of engine, an engine mechanism, tire size, a turbo and supercharger, a roof shape, emission control, a body size, automobile-tax classification, a weight tax, an insurance class, a using contract year, the expiration year of a using contract, a using contact period, a new vehicle price, a sold price after expiration of using contract, mileage at the time of resale, assessment evaluation at the time of resale, wherein a correlation equation or a table having a correlation for obtaining information concerning estimated sold price, estimated remaining price, or estimated remaining value rate of vehicle before resale is obtained, using at least data concerning actually using period such as elapsed months or using contact period from first registration year or a using contract year, out from data concerning the resold vehicle resold within a predetermined period, data concerning displacement volume, data concerning a new vehicle price, and data concerning the mileage in the actually using period.

3. A vehicle resold price analysis system which estimates information concerning a sold price, a remaining price, or a remaining value rate of a vehicle before resale, using data

concerning resold vehicle such as a maker name, a vehicle type name, vehicle uses, a vehicle shape, a vehicle type grade, authorization model, a model specification number, a classification identification number, a transmission, a drive system, displacement volume, the number of doors, popularly called model, a capacity and burden, engine model, the number of cylinders of engine, an engine mechanism, tire size, a turbo and supercharger, a roof shape, emission control, a body size, automobile-tax classification, a weight tax, an insurance class, a using contract year, the expiration year of a using contract, a using contact period, a new vehicle price, a sold price after expiration of using contract, mileage at the time of resale, assessment evaluation at the time of resale, wherein a correlation equation or a table having a correlation for obtaining information concerning estimated sold price, estimated remaining price, or estimated remaining value rate of vehicle before resale is obtained, using at least data concerning actually using period such as elapsed months or using contact period from first registration year or a using contract year, and data concerning a new vehicle price, out from data concerning the resold vehicle resold within a predetermined period.

4. A vehicle resold price analysis system according to claim 3, wherein data concerning the mileage in the actually using period is stored.

5. A vehicle resold price analysis system according to any one of claims 2 to 4, wherein the resold vehicles are classified according to vehicle uses such as riding, business, cargo and bus, or according to a vehicle shape such as a sedan type, a

hatchback type, and a one box type, and data concerning the classified resold vehicle is used.

6. A vehicle resold price analysis system according to any one of claims 2 to 5, wherein information concerning estimated sold price, estimated remaining price, or estimated remaining value rate of vehicle before resale is output using the obtained correlation equation or the table having the correlation.

7. A remaining value profit-and-loss analysis system which outputs remaining value profit-and-loss information at arbitrary time concerning vehicle in a using contact period using the correlation equation or the table having correlation obtained by the vehicle resold price analysis system described in any one of claims 2 to 5.

8. A storage medium for storing data used for a vehicle resold price analysis system which estimates information concerning sold price, remaining price, or remaining value rate of the vehicle before resale, using data concerning resold vehicle, wherein, concerning resold vehicle resold within a predetermined period, the storage medium stores therein at least data concerning actually using period such as elapsed months or a using contact period from first registration year or a using contract year, data concerning displacement volume, data concerning a new vehicle price, and data concerning mileage in the actually using period.

9. A storage medium for storing data used for a vehicle resold price analysis system which estimates information concerning sold price, remaining price, or remaining value rate of the vehicle before resale, using data concerning resold vehicle, wherein, concerning resold vehicle resold within a predetermined

period, the storage medium stores therein at least data concerning actually using period such as elapsed months or a using contract period from first registration year or a using contract year, and data concerning a new vehicle price, concerning resold vehicle resold within a predetermined period.

10. A storage medium according to claim 9, wherein data concerning the mileage in the actually using period is stored.

11. A storage medium according to any one of claims 8 to 10, wherein the storage medium stores therein data which can be classified according to vehicle uses such as riding, business, cargo and bus, or according to a vehicle shape such as a sedan type, a hatchback type, and a one box type.

12. A display for displaying data stored in the storage medium described in any one of claims 8 to 11.

13. A vehicle resold price analysis system which estimates information concerning a sold price, a remaining price, or a remaining value rate of a vehicle before resale using a correlation equation drawn from correlation of at least elapsed period or using period from first registration year, vehicle type, popularity index determined according to the vehicle type, new vehicle price, a sold price at the time of resale, and the mileage at the time of resale, and using a table having the correlation, concerning the resold vehicle, wherein information concerning estimated sold price, estimated remaining price, or estimated remaining value rate at the time of resale is output by inputting or selecting data concerning elapsed period or using period from first registration year, vehicle type, popularity index determined according to the vehicle type, new vehicle price, and the mileage.

14. A goods resold price analysis system which estimates information concerning sold price, remaining price, or remaining value rate of the goods before resale using a correlation equation drawn from correlation of at least manufacturing or selling time or using period, selling price, sold price at the time of resale, and actual use data at the time of resale, and using a table having the correlation, wherein information concerning estimated sold price, estimated remaining price, or estimated remaining value rate at the time of resale is output by inputting or selecting data concerning elapsed period or using period from manufacturing or selling time, selling price, and actual use.

15. A vehicle resold price analysis system which estimates information concerning sold price, remaining price, or remaining value rate of a vehicle before resale using data concerning resold vehicle such as a maker name, a vehicle type name, vehicle uses, a vehicle shape, a vehicle type grade, authorization model, a model specification number, a classification identification number, a transmission, a drive system, displacement volume, the number of doors, popularly called model, a capacity and burden, engine model, the number of cylinders of engine, an engine mechanism, tire size, turbo and supercharger, roof shape, emission control, body size, automobile-tax classification, a weight tax, an insurance class, a using contract year, expiration year of a using contract, a using contact period, a new vehicle price, the sold price after expiration of using contract, mileage at the time of resale, assessment evaluation at the time of resale, wherein the system outputs average mileage, average sold price, average sold rate or average new vehicle price concerning resold vehicle, or standard mileage, standard sold price, standard sold

rate, or standard new vehicle price concerning resold vehicle within a predetermined deviation value.

16. A remaining value profit-and-loss analysis system which estimates remaining value profit and loss of a vehicle before resale using data concerning resold vehicle such as a maker name, a vehicle type name, vehicle uses, a vehicle shape, a vehicle type grade, authorization model, a model specification number, a classification identification number, a transmission, a drive system, displacement volume, the number of doors, popularly called model, a capacity and burden, engine model, the number of cylinders of engine, an engine mechanism, tire size, turbo and supercharger, roof shape, emission control, body size, automobile-tax classification, a weight tax, an insurance class, a using contract year, expiration year of a using contract, a using contract period, a new vehicle price, the sold price after expiration of using contract, mileage at the time of resale, assessment evaluation at the time of resale, wherein an estimated sold price at the time of resale is calculated from the new vehicle price, monthly average mileage, the assumption mileage at the time of expiration of using contract, or assumption using period, concerning a vehicle in a using contract period, and remaining value profit and loss are output from the estimated sold price, and the estimated sold price set at the time of a using contract.

17. A remaining value profit-and-loss analysis system which estimates remaining value profit and loss of goods before resale using data concerning resold goods such as a maker name, a model grade, goods model, using contract year, the expiration year of a using contract, a using contract period, a selling price, a sold price after expiration of the using contract, actual using

state at the time of resale, assessment evaluation at the time of resale wherein an estimated sold price at the time of resale is calculated from a selling price, a monthly use situation, the assumption use situation at the time of expiration of using contract, or assumption using period concerning the goods in a using contact period, and remaining value profit and loss are output from the estimated sold price, and the estimated sold price set at the time of the using contract.

18. A remaining value setting system which sets remaining value concerning new contract vehicle using data concerning resold vehicle such as a maker name, a vehicle type name, vehicle uses, a vehicle shape, a vehicle type grade, authorization model, a model specification number, a classification identification number, a transmission, a drive system, displacement volume, the number of doors, popularly called model, a capacity and burden, engine model, the number of cylinders of engine, an engine mechanism, tire size, turbo and supercharger, roof shape, emission control, body size, automobile-tax classification, a weight tax, an insurance class, a using contract year, expiration year of a using contract, a using contact period, a new vehicle price, the sold price after expiration of using contract, mileage at the time of resale, assessment evaluation at the time of resale, wherein an estimated sold price concerning new contract vehicle is calculated from a new vehicle price, monthly average mileage, assumption mileage at the time of expiration of using contract, or assumption using period concerning the vehicle in a using contact period, and remaining price concerning new contract vehicle is output from the estimated sold price.

19. A remaining value setting system which sets a remaining

value concerning new contract goods using data concerning resold goods such as a maker name, a model grade, goods model, using contract year, the expiration year of a using contract, a using contact period, a selling price, a sold price after expiration of the using contract, actual using state at the time of resale, assessment evaluation at the time of resale, wherein an estimated sold price concerning new contract goods is calculated from a selling price, a monthly use situation, an assumption use situation at the time of expiration of using contract, or an assumption using period concerning the goods in a using contact period, and remaining price concerning new contract goods is output from the estimated sold price.

20. A vehicle resold price analysis system which estimates information concerning a sold price, a remaining price, or a remaining value rate of a vehicle before resale, using data concerning vehicle spec such as a maker name, the number of years elapsed from manufacturing year, a vehicle type, a vehicle shape, displacement volume, fuel, grade, a transmission, and a drive system, and a sold price for each of classified resold vehicles, wherein a resold vehicle having a standard deviation within a predetermined range is again selected from the average value of the sold price of the resold vehicle selected by the vehicle spec, and the average value of the sold price of the again selected resold vehicle is set as a standard sold price, and the standard sold price is set as an estimated sold price.

21. A remaining value calculation program used for obtaining output information peculiar to a user application which utilizes remaining value data by inputting vehicle type specification information for narrowing down specific vehicle type such as

a model specification number, a classification identification number or a vehicle type name, and variable condition information such as a lease period, using period, vehicle registration date, leasing contract date, a start-using date, mileage and ranking, wherein the program comprises a vehicle database retrieving function which retrieves the database having vehicle sold data and vehicle type data such as the model specification number, the classification identification number and the vehicle type name, and which extracts a corresponding retrieval result information, and a remaining value calculation function which calculates the remaining value from the variation condition information was input in the user application, and the retrieval result information extracted by the retrieval.

22. A remaining value calculation program according to claim 21, wherein the program comprises, as the vehicle database retrieving function, a primary retrieving program which specifies a vehicle from a popularly called model of a maker, or a model specification number or certified model number described in an automobile inspection certificate, and a classification identification number, and which extracts a corresponding retrieval result information, and a secondary retrieving program which retrieves information given in retrieval sub-items such as a vehicle body number, a vehicle type name, shape, fuel, a transmission, displacement volume, a vehicle price, vehicle weight, or the maximum burden, when a vehicle can not be specified by the primary retrieving program or when a retrieval result information required by the primary retrieving program can not be extracted.

23. A remaining value calculation program according to claim

21, wherein as the remaining value calculation function, using a remaining value calculation equation which utilizes multi-regression analysis, the specified vehicle type and the variation condition are applied to the remaining value calculation equation to calculate the remaining value.

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